

**SUBSCRIPTION \$2.00 PER YEAR**

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## Vindication Of Dieppe

WHILE THE INVASION OF DIEPPE, in which the Canadian army played a major part, occurred in August, 1942, it has continued to be a subject of interest in this country, and there are many who have never been fully satisfied as to whether the operation was worth the cost of the many lives which were lost in it. Recently, further light was thrown on the matter, when the official story "The Canadian Army in the Second World War" was published by the Dominion Department of Defence. Two chapters of "The Canadian Army, 1939-45" written by Col. Charles Stacey, Director of the Historical Section of the General Staff, deal with the Dieppe operation, and give many facts which show that while the operation in itself was a failure, invaluable information was gained, which contributed most to the success of the invasion of Europe on "D" Day.

### New Reasons For Failure

Not only was useful information gained, but the operation was of further value because, in view of their success in repelling it, the Germans believed that they could successfully beat back any invasion of the beaches. Events following "D" Day demonstrated that the tactics they employed there would ensure their hold upon the continent. While most of the events of the operation have previously been published, some new information has been made public in the story published by the Defence Department, which shows more clearly why the attack failed. One of these was that it was decided not to provide heavy bomber support. "The elimination of this air bombardment removed from the plan the only element of really heavy support contained in it" the author states.

### May Be Proud Of Undertaking

Another point of interest not hitherto emphasized was that Major General J. H. Roberts, Commander of the Second Canadian Division, was hampered by "limited knowledge of accurate information" in his headquarters aboard a destroyer, concerning events on the shore. One extremely exaggerated report of successes on the main beaches decided him to land his floating reserve, which ran into the beaching force. That there was some error in planning the attack is suggested in the part of the report which says: "It is difficult to avoid the conclusion that the planners underestimated the influence of topography and of the defensive works known to be numerous in the target area." In spite of these things, the value of the operation in planning the "D" Day invasion of 1944 has never been seriously questioned. In referring to that aspect of the event Col. Stacey writes: "Such criticism notwithstanding has made an essential contribution to the success of the most momentous operation of war ever attempted." For that reason, we may feel pride in the part played by the Canadian army in the attack, in spite of the fact that it was a costly failure.

### FEED GRAIN EXPORTS BANNED IN B.C.

WINNIPEG.—The wheat board announced that exports of grain for shipment of oats, barley and mixed feed oats from British Columbia would not be granted until such time as improvement in supplies of feed grains on the west coast.

At the present time there is a heavy demand for feed grain in B.C. caused by flooding in prairie land and also by several railway connections with prairie shipping points where feed grains are abundant.

### FAMILY GUY KEEPS

PIANISTS FINGER NIBBLE  
CAPEVILLE, Tenn.—Twelve-year-old William Ellis says he owes his musical talents to the family cow. More than a year ago Bill's father suggested that his father merely wanted to keep his fingers nimble for the piano. Bill agreed, although he suspected that his father merely wanted to pass on the chore.

"But," says Bill, "that cow's been keeping my fingers in shape. Now my three sisters want to help with the milking!"

### DISCIPLINE NEEDED

VANCOUVER.—Hon. C. D. Howe, trade minister, said there would be no reason to fear further rising prices if Canadians would submit to the same discipline in peacetime that they supported in wartime.

### PIES

Don't make any longer. You'll find with this pie, and when you get to the Cherry and Walnut. Quaint. Proven. 10¢ a pie.

### Dr. Chase's Ointment

Are you going into the hospital? You'll find it useful for many ailments. 10¢ a tin.

### HOT FLASHES?

Are you going into the hospital? You'll find it useful for many ailments. 10¢ a tin.

### LYDIA E. PINKHAM'S VEGETABLE COMPOUND

Are you going into the hospital? You'll find it useful for many ailments. 10¢ a tin.

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Roll your own with

### "EXPORT"

Cigarette Tobacco

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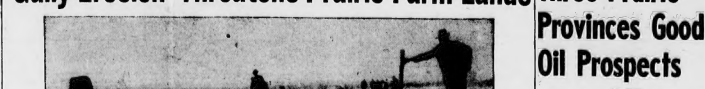
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## 'Gully Erosion' Threatens Prairie Farm Lands Three Prairie Provinces Good Oil Prospects



EDMONTON.—In Manitoba, the southwestern corner of the province is thought to be a possible oil producing region. In Saskatchewan, the entire southern half of the province is underlain by sedimentary rock favorable for oil exploration but in Alberta virtually the entire province is considered by oil men to consist of potential oil land.

The exploration programmes of major Canadian and United States oil companies this year reflect directly the oil potential qualities of the three prairie provinces. There is some exploration planned and underway in Manitoba, more intensive exploration in Saskatchewan but the greatest majority this year will take place in the Province of Alberta.

Estimates by informed oil men vary greatly on the amount of money that will be spent in Alberta this year. Some estimates range from \$30,000,000 upwards. Imperial Oil has announced that Henry H. Hewitt, president of his company will spend \$20,000,000 in Alberta in 1948.

Prarie farmers are heading into a year of large-scale use of chemical weed control. Many of them last year grew the cleanest crops in history by killing off weeds in the growing crop, since cereals generally are not affected by 2, 4-D, and most of the common broadleaf weeds are extremely susceptible. This year, many more are looking forward to trying "out" chemical "summerfallow" after a method which may play an important part in driving the spectre of water erosion from the fertile prairie country.

Probably the chemicals won't entirely eliminate the need for cultivation. But a few weeds which are fairly resistant to 2, 4-D can be dealt with otherwise, without too much disturbance of the soil surface and its protective cover.

Where susceptible weeds appear on summerfallow, it is possible to destroy them with a series of heavy applications of the "wonder chemical", eliminating the need for frequent disking or cultivating. After a crop has been taken off in the fall, it is thought that the protective stubble can be left, and the next season's seed growth dealt with largely with chemical spray.

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Up in the Birch Hills country, and countless other places where the prairie land rolls in great sweeps, broken here and there by sparse poplar and birch grove, the problem is acute. The rolling land, stripped of its protective cover of grass, shrubs and trees, then worked for years on end, becomes susceptible to running water, which courses down bare hillsides, gouging out deep gullies, carrying down the priceless thin covering of topsoil, leaving the rocks and gravel showing.

Nature saw to it that the prairie bush country was protected against water erosion, but when man removed the protective cover, the erosion went into plenty of trouble. Nowadays, where rolling land has been cleared and cropped, the farmer is almost certain to face the problem in a year of heavy spring runoff, or during a heavy rainstorm in the summer when the land can't soak up the water as quickly as it falls, and it follows its natural tendency to run to a lower level.

The scientists at Birch Hills came to two important conclusions. One was that the land must be managed so that it has a protective covering of stubble or grass at all times during which it is vulnerable to water erosion, and that some radical reduction of cultivation is needed.

But a rich soil produces good crops of weeds as well as useful crops, and farmers have found it necessary in the past to cultivate summerfallow six, seven and even more times during the summer to kill off fresh growths of persistent weeds, which sap the soil moisture, choke up crops.

That was the old way; but this year will see a new theory tried in the prairie provinces, and a lot of cultivation eliminated. Great hope.

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### CANADA SENDS WHEAT GRASS TO AUSTRALIA

OTTAWA.—A supply of Canadian wheat grass, specially selected for drought resistance, will be taken back to Australia by W. A. Meares of Forbes, New South Wales. The strain of grass, valuable for pasture, was given him by the Dominion department of agriculture and is to be developed for Australian pasture.

### SEALSSIE'S SYMPATHY

VICTORIA.—Empire Little Sealasia of Ethiopia has sent his sympathy to British Columbia flood victims.

### FARMERS RECEIVE 700,000 TAX GUIDE BOOKS

OTTAWA.—Hon. J. J. McCann revenue minister told the common 700,000 special income tax guide books have been placed in the hands of Canadian farmers.

Mr. McCann recalled his March announcement that farmers who report taxable income based on cash actually received and cash expenses actually paid out during the calendar year would not be required to fill out the net worth statement on the new 1947 prairie farmers' or farmers' return.

"Those farmers who reported income on an accrual basis for tax purposes will be required to submit a statement of assets and liabilities as herebefore or to complete the appropriate parts of the net worth statement. Where the department cannot obtain sufficient information by any other means, it may require a further statement which in many cases may actually be the net worth statement. This would apply for any year for which sufficient information is not available."

The guide book had two purposes. It gave the farmer a sample book "for the purpose of recording his income and expenses in such a way as to facilitate the accurate completion of his returns." It also answered questions.

Why put up with drab dull walls, when a coat of ALABASTINE will make rooms glow with colour?

Just mix with water, and see how easy and economical it is to apply. ALABASTINE brushes on easily, dries quickly without odour, and will not rub off.

Your choice of ivory, cream, buff, light buff, grey, pink, light blue, light green or white.

ALABASTINE WATER PAINT 75¢ 5 POUND PKG.

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### THE TILLERS

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—By Les Carrol





## Watch It Grow



Sow your money by regular deposits in a Savings Account at The Canadian Bank of Commerce, and watch it grow. As your savings grow, so does your ability to buy the things that require planning and ready cash. Start saving today. You will be glad you did.



### THE CANADIAN BANK OF COMMERCE

GLEICHEN BRANCH, J. L. Kerr, Manager.

179-4

## "PIONEER'S" ADDITIONAL PAYMENT ON OATS AND BARLEY

Some months ago we made an interim payment of 12 cents on oats and 10 cents on barley, and advised all customers that final payment would be made later.

Cheques are now in the hands of all agents for this final distribution. It will be appreciated if you will call and pick up your cheque.

This payment plus the initial interim payment makes a total of 13½¢ per bushel on oats, and 16½¢ per bushel on barley.

We are happy to announce that "Pioneer" customers are receiving more per bushel than the distribution made by any other Pool or Line elevator operators in Saskatchewan or Alberta.

### IT PAYS TO PULL TO THE "PIONEER"

The Federal Government promised to make a payment to farmers on oats and barley delivered at ceiling prices between August 1st and October 21st, 1947, after the Elevator Companies had made an adjustment. This has now been done and we therefore trust the Federal Government will implement its promise in the near future.



**PIONEER GRAIN COMPANY LIMITED**

## Calgary Exhibition And Stampede

Several innovations will highlight the afternoon performances of the Calgary Exhibition and Stampede. Officials of the stampede feel that they have contracted the outstanding act in rodeo today in Dick Griffiths of Phoenix, Arizona. Griffiths clinches his spectacular and colorful trick riding performance with a roman standing jump over an automobile. He has been named world champion trick rider several different years, and his act has been presented in Madison Square Garden, New York, for ten consecutive years.

Color and thrills galore will be added by the importation from Texas of forty Brahman bulls for the bull riding event. Few people among the spectators realize the viciousness of these bundles of fury. Only the top riders in the business will tackle them and these boys show a very healthy respect for them. It is essential, when using Brahman bulls, to have a clown in the arena who, at the conclusion of each ride, does a mock bull fighting act, distracting the attention of the animal while the rider scrambles to safety. Slim "Kiera," an outstanding cowboy clown from Fresno, California, has been contracted for the Stampede, and, between his bull fighting acts, will amuse the crowd with his antics, and those of his trick mule.

The Theatre-Duffield Company of Chicago, who presented the spectacular fire works exhibits in Calgary last year, will return this year with a display which should be among the greatest ever seen in Canada, and will be presented Monday, Wednesday and Saturday evenings.

The Ernie Young Booking Agency of Chicago will provide the evening stage attractions in front of the grandstand and will present a show brought to Western Canada at a cost greater than ever before paid for grandstand attractions on the Western Fair Circuit. This promises to be a fast moving show in which comedy will predominate.

The outstanding livestock show will also attract a great deal of attention as exhibitors compete this year for the most generous prize has ever offered in Western Canada. Breeders of purebred cattle, horses, sheep and swine will split a total of more than \$25,000.



By DR. F. J. GREANEY,

Director  
Line Elevators Farm Service,  
Winnipeg, Manitoba.

### Chemical Summerfallow

This year, many prairie farmers are particularly interested in the possibility of a "Chemical Summerfallow" replacing, at least in part, tedious and costly cultural practices for weed control.

**Limitations.** The results of chemical summerfallow trials made in Western Canada in 1947, indicate that the use of 2-4-D and other chemical weed killers in controlling weeds on summerfallow land has definite limitations. As a complete substitute for mechanical cultivation, the results now available strongly suggest that chemical summerfallow will be largely confined to areas or fields where the weeds present are exclusively or predominantly Wild Mustard, Stinkweed and certain other susceptible annual weeds. The emergence of these weeds can be almost completely prevented by early applications of 2-4-D at rates that are recommended for the control of these weeds in growing crops.

It is already abundantly clear that land infested with resistant weeds such as Wild Oats, Couch (Quack) Grass, Wild Barley, Green Foxtail, Cow Cockle and Peppergrass, will not lend themselves to summerfallow. Early applications of 2-4-D to such land will simply remove the susceptible annual weeds, tend to reduce the top growth of the partially-resistant weeds (Canada Thistle, Perennial Sow Thistle, etc.), and allow the above-mentioned resistant weeds to flourish without competition.

For the effective control of Canada Thistle and Perennial Sow Thistle on land under summerfallow, heavy applications of the Ester form of 2-4-D, made when the buds are well formed or during the early flowering stage, are recommended. One and one-half pounds of 2-4-D acid equivalent per acre is suggested.

**More Information Needed.** No one has all the answers to the numerous problems associated with "chemical summerfallowing." More research and field experiments are needed. Farmers planning extensive chemical summerfallow operations this year should consult their local Agricultural Representative or provincial weed authorities, or for further information write to Line Elevators Farm Service, Winnipeg.

## A Tribute to Agriculture

In the last reckoning all things are bought with food. Our civilization is bought with food; our industrial achievements as a province and a nation; our cultural advantages, our recreation. Food, abundant and adequate, is necessary to support our civilization.

The food produced on Alberta farms is the main source of the annual wealth production of this province.

The total new wealth produced from Alberta's field crops in the past eight years was \$1,736,000,000, an annual average of \$217,000,000.

The gross Alberta farm cash income in the past eight years was over two billion dollars, an annual average of \$250,000,000.

The Alberta Wheat Pool publishes these statistics to show to Alberta people the value of the agricultural industry.

The Wheat Pool is a farmer-owned co-operative operating 476 country elevators and two terminals.

Pool elevators have provided exceptional service to Alberta grain producers over the years.

## ALBERTA WHEAT POOL



This liquid asphalt has many uses on the farm. Easy to apply, it coats your roofs and eavestroughs with a hard, tough, weather-proof surface that is fire-resistant. Cracks are filled, rust and leaks prevented. Imperial Roof Putty Flux has unusual filling, sealing and coating qualities that protect surfaces, prolong life, and save on repairs. Here are some of its many uses:

- Protects metal and felt roofs and eavestroughs.
- Preserves bases of granaries and granary sheds.
- Waterproofs troughs and water.
- Preserves fence posts and well casings.
- Waterproofs cement foundations.
- Caulks window frames.

